



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/961,381  
Source: OIPE  
Date Processed by STIC: 2/20/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER  
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND  
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<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

# Raw Sequence Listing Error Summary

CIPE

| ERROR DETECTED   | SUGGESTED CORRECTION  | SERIAL NUMBER: 091961,381 |
|--|---|---------------------------|
| ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE |   |                           |
| 1 ____ Wrapped Nucleics<br>Wrapped Aminos  | The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."  |                           |
| 2 ____ Invalid Line Length   | The rules require that a line not exceed 72 characters in length. This includes white spaces.   |                           |
| 3 ____ Misaligned Amino<br>Numbering   | The numbering under each 5 <sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.   |                           |
| 4 ____ Non-ASCII   | The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.  |                           |
| 5 ____ Variable Length   | Sequence(s) ____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.   |                           |
| 6 ____ PatentIn 2.0<br>"bug"   | A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.   |                           |
| 7 ____ Skipped Sequences<br>(OLD RULES)  | Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence:<br>(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)<br>(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)<br>(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)<br>This sequence is intentionally skipped<br><br>Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences. |                           |
| 8 ____ Skipped Sequences<br>(NEW RULES)  | Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence.<br><210> sequence id number<br><400> sequence id number<br>000   |                           |
| 9 ____ Use of n's or Xaa's<br>(NEW RULES)  | Use of n's and/or Xaa's have been detected in the Sequence Listing.<br>Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.<br>In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.  |                           |
| 10 ____ Invalid <213><br>Response  | Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence   |                           |
| 11 ✓ Use of <220>  | Sequence(s) ____ missing the <220> "Feature" and associated numeric identifiers and responses.<br>Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.<br>(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)  |                           |
| 12 ____ PatentIn 2.0<br>"bug"  | Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.   |                           |
| 13 ____ Misuse of n  | n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.   |                           |



OIPE

## RAW SEQUENCE LISTING

DATE: 02/20/2003

PATENT APPLICATION: US/09/961,381

TIME: 15:43:49

Input Set : A:\Sequence Listing 1819\_0040001.txt

Output Set: N:\CRF4\02202003\I961381.raw

3 <110> APPLICANT: Lynch, Gary  
 4 Bi, Xiaoning  
 5 Gall, Christine M.  
 7 <120> TITLE OF INVENTION: Model for Neurodegenerative Diseases Involving Amyloid  
 8 Accumulation  
 10 <130> FILE REFERENCE: 1819.0040001  
 12 <140> CURRENT APPLICATION NUMBER: US 09/961,381  
 13 <141> CURRENT FILING DATE: 2001-09-25  
 15 <150> PRIOR APPLICATION NUMBER: US 60/235,374  
 16 <151> PRIOR FILING DATE: 2000-09-25  
 18 <160> NUMBER OF SEQ ID NOS: 5  
 20 <170> SOFTWARE: PatentIn version 3.2  
 22 <210> SEQ ID NO: 1  
 23 <211> LENGTH: 4  
 24 <212> TYPE: PRT  
 25 <213> ORGANISM: Artificial Sequence  
 27 <220> FEATURE:  
 28 <223> OTHER INFORMATION: Peptide — must explain genetic source — see error  
 30 <400> SEQUENCE: 1  
 31 Arg Gly Asp Ser  
 32 1  
 34 <210> SEQ ID NO: 2  
 35 <211> LENGTH: 5  
 36 <212> TYPE: PRT  
 37 <213> ORGANISM: Artificial Sequence  
 39 <220> FEATURE:  
 40 <223> OTHER INFORMATION: Peptide ✓  
 42 <400> SEQUENCE: 2  
 43 Gly Arg Gly Asp Ser  
 44 1 5  
 46 <210> SEQ ID NO: 3  
 47 <211> LENGTH: 6  
 48 <212> TYPE: PRT  
 49 <213> ORGANISM: Artificial Sequence  
 51 <220> FEATURE:  
 52 <223> OTHER INFORMATION: Peptide ✓  
 54 <400> SEQUENCE: 3  
 55 Gly Arg Gly Asp Ser  
 56 1 5  
 58 <210> SEQ ID NO: 4  
 59 <211> LENGTH: 6  
 60 <212> TYPE: PRT  
 61 <213> ORGANISM: Artificial Sequence

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/961,381

DATE: 02/20/2003

TIME: 15:43:49

Input Set : A:\Sequence Listing 1819\_0040001.txt

Output Set: N:\CRF4\02202003\I961381.raw

69 <220> FEATURE:  
70 <223> OTHER INFORMATION: Peptide /  
72 <400> SEQUENCE: 4  
74 Gly Arg Gly Asp Thr Pro  
75 1 5  
76 <210> SEQ ID NO: 5  
78 <211> LENGTH: 6  
80 <212> TYPE: PRT  
81 <213> ORGANISM: Artificial Sequence  
83 <220> FEATURE:  
84 <223> OTHER INFORMATION: Peptide /  
86 <400> SEQUENCE: 5  
88 Gly Arg Ala Asp Ser Pro  
89 1 5

VERIFICATION SUMMARY

DATE: 02/20/2003

PATENT APPLICATION: US/09/961,381

TIME: 10:43:50

Input Set : A:\Sequence Listing 1819\_0040001.txt

Output Set: N:\CRF4\02202003\I961381.raw